

CLAIMS

1. A closure for a valve (128) of a connector (100) of a haemostatic valve assembly, the connector (100) comprising a longitudinally extending main section (114) having a longitudinally extending, through-going passage (110;112) with the valve (128) at a proximal end of the connector, the closure comprising a closure member (130), a face (156) of which abuts a proximal end surface (152) of the main section (114), one of said face and end surface (152;156) being provided with a protrusion (158) for engaging a corresponding indentation (154) provided in the other one of said face and said end surface (152;156).
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2. A closure according to claim 1, wherein the closure member (130) is made from a resilient material which is adapted to deform in the area of said protrusion and said indentation when said face and said end surface (152;156) are biased towards each other, so as to thereby provide a liquid tight seal near an outer periphery of the passage (110;112) at a proximal end thereof.
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3. A closure according to claim 1 or 2, wherein the protrusion (158) is integral with the closure member (130).
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4. A closure according to any of the preceding claims, wherein the closure member (130) defines a first and a second, opposite end surface (156;160) and at least one passage slit (164), the passage slit being normally closed and extending between the two end surfaces, the passage slit being arranged to open by a tubular member (134) being extended therethrough, the passage slit (164) having a larger extent at the first surface than at the second surface.
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5. A closure according to claim 4, comprising a plurality of passage slits (164) which define a first, common point of contact (166) on the first surface (156) and which extend radially outwardly from the point of contact (166) at the first surface (156).
6. A closure according to claim 5, wherein the plurality of passage slits (164) define a second, common point of contact (168) on the second surface (160).
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7. A closure according to any of claims 4-6, wherein at least one of the passage slits (164) has a length on the second surface (160) which is at most 1/10th of the length of that passage slit on the first surface (156).
8. A closure according to any of claims 4-7, wherein at least a portion of the first end surface (156) and at least a portion of the second end surface (166) define two substantially parallel
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planes, and wherein an axis extending between the first and second common point of contact is substantially perpendicular to the two planes.

9. A closure according to any of claims 4-8, wherein at least a portion (170) of one of the first and second end surfaces (156;160) is concave.
- 5 10. A closure according to claim 9, wherein said concave portion (170) is provided on the second surface (160).
11. A connector (100) for a haemostatic valve assembly and comprising a closure according to any of claims 1-10.
- 10 12. A connector according to claim 11, wherein the valve (128) with the closure is arranged near a proximal end of the connector.
13. A connector according to claim 12, wherein the second surface (160) of the closure is oriented to face the proximal end of the connector.
14. A kit comprising a connector (100) according to any of claims 11-13, and a side arm tubing (126) for a side arm (122) of the connector.
- 15 15. A kit according to claim 14, further comprising a stopcock (124) to be connected to one end of the side arm tubing (126).